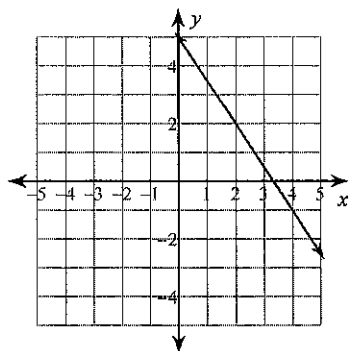


Problem Set #2 - Algebra Review

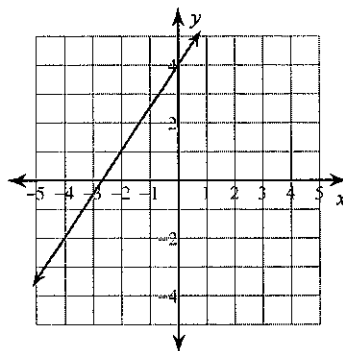
Date _____

Write the slope-intercept form of the equation of each line.

1)

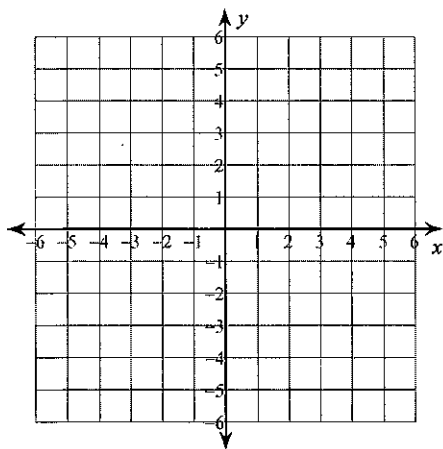


2)

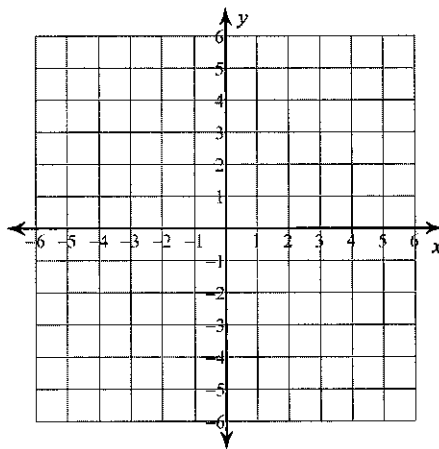


Sketch the graph of each line.

3) $y = x$



4) $y = -4x - 4$



Solve each equation.

5) $-191 = 3(-6 - 7x) - 5$

6) $-6(n - 8) = 96$

Factor each completely.

7) $x^2 - x - 2$

Find each product.

8) $(4v + 8)(3v - 7)$

Simplify each expression.

9) $(3k + 7k^2 - 3) + (2k^2 + 2 - 6k)$

Find the value of x or y so that the line through the points has the given slope.

10) $(0, y)$ and $(5, -4)$; slope: 0